Wilbur-Lipman DNA Alignment
Ktuple: 3; Gap Penalty: 3; Window: 20

Seq1(1>379) 491c7 seq 52	Seq2(1>1518) 491c7 seq 305	Similarity Index	Gap Number	Gap Length	Consensus Length
(379<-1)	(619>997)	100.0	0	0	379

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            ↙370        ↙360        ↙350        ↙340        ↙330        ↙320        ↙310
ACCCTGGACTCATACCTGAAAGCAGTGTTCAACCTTAGCAAAATCTCCAACCAGCGCATGAACAATTTTC
ACCCTGGACTCATACCTGAAAGCAGTGTTCAACCTTAGCAAAATCTCCAACCAGCGCATGAACAATTTTC
ACCCTGGACTCATACCTGAAAGCAGTGTTCAACCTTAGCAAAATCTCCAACCAGCGCATGAACAATTTTC
   ↖620       ↖630        ↖640        ↖650        ↖660        ↖670        ↖680

            ↙300        ↙290        ↙280        ↙270        ↙260        ↙250        ↙240
TACATCACAACGACCTGGTTTTCAAATTCAGCTCTCAAGGCCAAATCTTTTCTAAATTTAACCAAGAACT
TACATCACAACGACCTGGTTTTCAAATTCAGCTCTCAAGGCCAAATCTTTTCTAAATTTAACCAAGAACT
TACATCACAACGACCTGGTTTTCAAATTCAGCTCTCAAGGCCAAATCTTTTCTAAATTTAACCAAGAACT
   ↖690       ↖700        ↖710        ↖720        ↖730        ↖740        ↖750

            ↙230        ↙220        ↙210        ↙200        ↙190        ↙180        ↙170
TCATCAGTTCACAGAGAAAGTAATCCAGGACCGGAAGGAGTCTCTTAAGGATAAGCTAAAACAAGATACT
TCATCAGTTCACAGAGAAAGTAATCCAGGACCGGAAGGAGTCTCTTAAGGATAAGCTAAAACAAGATACT
TCATCAGTTCACAGAGAAAGTAATCCAGGACCGGAAGGAGTCTCTTAAGGATAAGCTAAAACAAGATACT
   ↖760       ↖770        ↖780        ↖790        ↖800        ↖810        ↖820

            ↙160        ↙150        ↙140        ↙130        ↙120        ↙110        ↙100
ACTCAGAAAAGGCGCTGGGATTTTCTGGACATACTTTTGAGTGCCAAAAGCGAAAACACCAAAGATTTCT
ACTCAGAAAAGGCGCTGGGATTTTCTGGACATACTTTTGAGTGCCAAAAGCGAAAACACCAAAGATTTCT
ACTCAGAAAAGGCGCTGGGATTTTCTGGACATACTTTTGAGTGCCAAAAGCGAAAACACCAAAGATTTCT
   ↖830       ↖840        ↖850        ↖860        ↖870        ↖880        ↖890

            ↙90         ↙80         ↙70         ↙60         ↙50         ↙40         ↙30
CTGAAGCAGATCTCCAGGCTGAAGTGAAAACGTTCATGTTTGCAGGACATGACACCACATCCAGTGCTAT
CTGAAGCAGATCTCCAGGCTGAAGTGAAAACGTTCATGTTTGCAGGACATGACACCACATCCAGTGCTAT
CTGAAGCAGATCTCCAGGCTGAAGTGAAAACGTTCATGTTTGCAGGACATGACACCACATCCAGTGCTAT
   ↖900       ↖910        ↖920        ↖930        ↖940        ↖950        ↖960

            ↙20         ↙10
CTCCTGGATCCTTTACTGCTTGGCAAAGT
CTCCTGGATCCTTTACTGCTTGGCAAAGT
CTCCTGGATCCTTTACTGCTTGGCAAAGT
   ↖970       ↖980        ↖990
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Figure 2

B854P Extended Breast Panel